



Patent
Attorney's Docket No. 033265-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Karl REUTER)

Application No.: 09/936,527)

Filed: September 14, 2001)

For: EMULSION CRYSTALLISATION
WITH RECYCLE)

Group Art Unit: 1754

Examiner: Anthony Kuhar

Confirmation No.: 4392

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REPLY AND AMENDMENT PURSUANT TO 37 C.F.R. §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed October 7, 2002, please enter the amendments and consider the remarks as follows:

IN THE CLAIMS:

Kindly replace Claims 1 and 5, as follows:

1. (amended) A process for purifying an impure substance through emulsion crystallization comprising the steps of

- (a) forming an emulsion of organic liquid droplets in a continuous water phase, which emulsion contains the impure substance;
- (b) super-saturating the emulsion in the substance;
- (c) inducing crystallization of the substance, whereby crystallization takes place in the water phase;
- (d) isolating the crystals of the substance resulting from step (c) from the emulsion, yielding an emulsion-filtrate;
- (e) dissolving additional impure substance in the emulsion-filtrate; and
- (f) repeating steps (b)-(d) with the emulsion obtained from step (e).

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